

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5778	347/5,7,14,19,84,86,95.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:50
S2	5252097	condition instruction specification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:50
S3	4437718	ink (recording adj material) liquid fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:51
S4	3133	S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:53
S5	3378466	calibrat\$3 compar\$3 calculat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:54
S6	2638	S1 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:54
S7	2031	S2 and S3 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:55
S8	293914	S3 near (level remain\$3 amount)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:57

S9	1204	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:58
S10	1204	S1 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 07:59
S11	23488	(ink adj cartridge) (ink\$3tank) (ink adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:00
S12	731	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:00
S13	6064297	(pulse near\$4 width) frequency cycle harmonic resonance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:02
S14	662	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:02
S15	73437	(ink adj state) ((recording adj material) adj state) (liquid adj state) (fluid adj state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:04
S16	141	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:05

S17	206308	piezo piezoelectric\$6 (piezo adj effect) (piezoelectric\$6 adj effect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:06
S18	75	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:53
S19	3	"6729184".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 08:54
S20	1	"6517175".pn.	USPAT	OR	OFF	2004/10/27 09:13
S21	1	"6793305".pn.	USPAT	OR	OFF	2004/10/27 09:20

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	212369	piezo piezoelectric pzt (lead adj zirconate adj titanate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:33
S2	42436	ferroelectric (ferroelectric adj oxid\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 08:58
S3	4370	"pb.sub."\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 08:58
S4	4838	"zr.sub."\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 08:58
S5	8487	"ti.sub."\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 08:59
S6	128520	"o.sub.3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:00
S7	52	S3 adj S4 adj S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:02
S8	342	S3 near2 S4 near2 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:01

S9	6474518	detect\$5 sens\$5 measur\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:05
S10	111233	S1 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:05
S11	18124	S2 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:06
S12	251	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:13
S13	638254	resonance ultraso\$6 harmonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:13
S14	37318	S10 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:14
S15	4188	S11 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:14
S16	63	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:22

S17	165936	(ink near2 level) (fluid near2 level) (liquid near2 level) ((recording adj material) near2 level)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:23
S18	1491	S14 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:24
S19	111	S15 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:58
S20	0	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 09:25
S21	4986	(resonance near2 chamber) (resonance near2 tank) (resonance near2 cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:39
S22	3846	(ultraso\$6 near2 chamber) (ultraso\$6 near2 tank) (ultraso\$6 near2 cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:00
S23	389	S1 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:00
S24	52	S2 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:01

S25	1	S8 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:01
S26	6049	(piezo adj (detect\$5 or sens\$5)) (piezoelectric adj (detect\$5 or sens\$5)) (pzt adj (detect\$5 or sens\$5)) ((lead adj zirconate adj titanate) adj (detect\$5 or sens\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:40
S27	2	S26 and S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:20
S28	52	S17 and S21	USPAT	OR	OFF	2004/10/28 10:28
S29	16	S26 and inkjet	USPAT	OR	OFF	2004/10/28 10:29
S30	129785	S26 and ink\$3 jet	USPAT	OR	OFF	2004/10/28 10:30
S31	23	S26 and ink\$3jet	USPAT	OR	OFF	2004/10/28 10:38
S32	42582	(ink near2 chamber) (ink near2 tank) (ink near2 cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:39
S33	37	S26 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 10:40
S34	17	("4825056" "4861964" "5370766" "5529831" "5555005" "5569187" "5773870" "5831649" "5835111" "5852369" "5945725" "5992990" "6003966" "6010210" "6012794" "6019449" "6022090").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 10:49
S35	0	("6719394").URPN.	USPAT	OR	OFF	2004/10/28 10:55
S36	11	("3277435" "4280126" "4326274" "4703652" "4709361" "5065068" "5121628" "5144597" "5410518" "5438868").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 10:55
S37	8	("5836192").URPN.	USPAT	OR	OFF	2004/10/28 11:00

S38	12	("3277435" "3890423" "4004266" "4144517" "4280126" "4326274" "4735097" "5121628" "5264831" "5363341" "5452611").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 11:00
S39	69	("20020012015" "20020015084" "20020105555" "20020170353" "3110890" "3220258" "3703693" "3832900" "3889247" "4008612" "4107994" "4310957" "4329875" "4403227" "4419677" "4570482" "4594891" "4636814" "4703652" "4770038" "4796782" "4811595" "4853718" "4984449" "4984457" "5035140" "5179389" "5233369" "5315317" "5353631" "5410518" "5463377" "5473353" "5583544" "5586085" "5610635" "5619238" "5675367" "5689288" "5697248" "5712667" "5737963" "5747689" "5774136" "5788388" "5788819" "5793705" "5841454" "5877997" "5949447" "5975102" "6003966" "6007190" "6012793" "6024429" "6044694" "6050669" "6089686" "6089688" "6164744" "6302527" "6312074" "6312106" "6312115" "6390590" "6470744" "6536861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 11:03
S40	1	"6793305".pn.	USPAT	OR	OFF	2004/10/28 11:15
S41	1	"6793305".pn. and (sensor condition detection output)	USPAT	OR	OFF	2004/10/28 14:12

S42	69	("20020012015" "20020015084" "20020105555" "20020170353" "3110890" "3220258" "3703693" "3832900" "3889247" "4008612" "4107994" "4310957" "4329875" "4403227" "4419677" "4570482" "4594891" "4636814" "4703652" "4770038" "4796782" "4811595" "4853718" "4984449" "4984457" "5035140" "5179389" "5233369" "5315317" "5353631" "5410518" "5463377" "5473353" "5583544" "5586085" "5610635" "5619238" "5675367" "5689288" "5697248" "5712667" "5737963" "5747689" "5774136" "5788388" "5788819" "5793705" "5841454" "5877997" "5949447" "5975102" "6003966" "6007190" "6012793" "6024429" "6044694" "6050669" "6089686" "6089688" "6164744" "6302527" "6312074" "6312106" "6312115" "6390590" "6470744" "6536861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 11:19
S43	1	"6172697".pn.	USPAT	OR	OFF	2004/10/28 12:45
S44	11	("4853718" "5068806" "5121343" "5414452" "5485191" "5488395" "5508786" "5574484" "5596351" "5610635" "5617121").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 12:45
S45	1	"5689288".pn.	USPAT	OR	OFF	2004/10/28 12:50
S46	14	("3820098" "4193010" "4580147" "4593292" "4607266" "4609924" "4636814" "4658274" "4682187" "4742364" "4814786" "4873539" "5220310" "5315317").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 12:50
S47	8	("5689288").URPN.	USPAT	OR	OFF	2004/10/28 12:52

S48	35	(US-6719394-\$ or US-5836192-\$ or US-5755136-\$ or US-6793305-\$ or US-6172697-\$ or US-5689288-\$ or US-6022090-\$ or US-4280126-\$ or US-6536861-\$ or US-6390590-\$ or US-6312106-\$ or US-6302527-\$ or US-6164744-\$ or US-6089688-\$ or US-6050669-\$ or US-6044694-\$ or US-6012793-\$ or US-5949447-\$ or US-5774136-\$ or US-5793705-\$ or US-5712667-\$ or US-5697248-\$ or US-5035140-\$ or US-4329875-\$ or US-5617121-\$ or US-5488395-\$). did. or (US-5414452-\$ or US-4193010-\$ or US-6802602-\$ or US-6799820-\$ or US-6745626-\$ or US-6729184-\$ or US-6470744-\$ or US-6312074-\$).did. or (US-3028749-\$).did.	USPAT; USOCR	OR	OFF	2004/10/29 08:30
S51	33	S48 and (sensor condition detection output specification input verification)	USPAT	OR	OFF	2004/10/28 13:04
S52	34	S48 and (sensor condition detection output specification input verification piezoelectric antenna)	USPAT	OR	OFF	2004/10/28 14:13
S53	1602149	fluid near3 sens\$5 near\$3 circuit	USPAT	OR	OFF	2004/10/28 13:30
S54	142	S1 and S2 and S8 and S53	USPAT	OR	OFF	2004/10/28 13:28
S55	26	fluid adj sens\$5 adj circuit	USPAT	OR	OFF	2004/10/28 13:31
S56	22901	fluid adj (sens\$5 circuit system device)	USPAT	OR	OFF	2004/10/28 13:32
S57	245594	S1 S2 S8 and (S56)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:33
S58	222	S1 and S2 and S8 andl63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:33
S59	220	S1 and S2 and S8 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:34

S60	51026	(ink near2 chamber) (ink near2 tank) (ink near2 cartridge) (ink near2 reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:39
S61	53	S26 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 13:42
S62	1	"6438500".pn.	USPAT	OR	OFF	2004/10/28 14:12
S63	1	S62 and (sensor condition detection output specification input verification piezoelectric antenna)	USPAT	OR	OFF	2004/10/28 14:53
S64	9	("3646334" "4821023" "4853718" "5001675" "5185783" "5392046" "5406586" "5896304" "6163563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 14:13
S65	0	("6438500").URPN.	USPAT	OR	OFF	2004/10/28 14:16
S66	1	"5822076".pn.	USPAT	OR	OFF	2004/10/28 14:17
S67	1	S66 and (sensor condition detection output specification input verification piezoelectric antenna)	USPAT	OR	OFF	2004/10/28 14:19
S68	12	("4313124" "4345262" "4459600" "4463359" "4558333" "4608577" "4723129" "4740796" "5349450" "5504512" "5512925" "5657057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/28 14:19
S69	2	("5822076").URPN.	USPAT	OR	OFF	2004/10/28 14:21
S70	1	S62 and (sensor condition detection output specification input verification piezoelectric antenna theoretical correlation)	USPAT	OR	OFF	2004/10/28 14:58
S71	2569995	condit\$6 instr\$6 spec\$6	USPAT	OR	OFF	2004/10/28 14:58
S72	152836	S71 and module	USPAT	OR	OFF	2004/10/28 14:59
S73	2037849	S71 and module command\$3 control\$3	USPAT	OR	OFF	2004/10/28 14:59

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	36	(US-4193010-\$ or US-4280126-\$ or US-4329875-\$ or US-5035140-\$ or US-5414452-\$ or US-5488395-\$ or US-5617121-\$ or US-5689288-\$ or US-5697248-\$ or US-5712667-\$ or US-5755136-\$ or US-5774136-\$ or US-5793705-\$ or US-5836192-\$ or US-5949447-\$ or US-6012793-\$ or US-6022090-\$ or US-6044694-\$ or US-6050669-\$ or US-6089688-\$ or US-6164744-\$ or US-6172697-\$ or US-6302527-\$ or US-6312074-\$ or US-6312106-\$ or US-6390590-\$). did. or (US-6470744-\$ or US-6536861-\$ or US-6719394-\$ or US-6729184-\$ or US-6745626-\$ or US-6793305-\$ or US-6799820-\$ or US-6802602-\$ or US-5822076-\$). did. or (US-3028749-\$).did.	USPAT	OR	OFF	2004/10/29 08:41
S2	35	S1 and (sens\$5 detect\$5 gaug\$5 condit\$6 instruc\$5 specific\$5 control\$5 receiv\$5 input\$4 output\$4 result\$4 validat\$6 verifich\$6 correlat\$6)	USPAT	OR	OFF	2004/10/29 08:48
S3	35	S1 and (sens\$5 detect\$5 gaug\$5 condit\$6 instruc\$5 specific\$5 control\$5 receiv\$5 input\$4 output\$4 result\$4 validat\$6 verifich\$6 correlat\$6 calculat\$6 compar\$6)	USPAT	OR	OFF	2004/10/29 08:48
S4	36	(US-4193010-\$ or US-4280126-\$ or US-4329875-\$ or US-5035140-\$ or US-5414452-\$ or US-5488395-\$ or US-5617121-\$ or US-5689288-\$ or US-5697248-\$ or US-5712667-\$ or US-5755136-\$ or US-5774136-\$ or US-5793705-\$ or US-5836192-\$ or US-5949447-\$ or US-6012793-\$ or US-6022090-\$ or US-6044694-\$ or US-6050669-\$ or US-6089688-\$ or US-6164744-\$ or US-6172697-\$ or US-6302527-\$ or US-6312074-\$ or US-6312106-\$ or US-6390590-\$). did. or (US-6470744-\$ or US-6536861-\$ or US-6719394-\$ or US-6729184-\$ or US-6745626-\$ or US-6793305-\$ or US-6799820-\$ or US-6802602-\$ or US-5822076-\$). did. or (US-3028749-\$).did.	USPAT	OR	OFF	2004/10/29 13:35

S5	35	S4 and (sens\$5 detect\$5 gaug\$5 condit\$6 instruc\$5 specific\$5 control\$5 receiv\$5 input\$4 output\$4 result\$4 validat\$6 verific\$6 correlat\$6 calculat\$6 compar\$6)	USPAT	OR	OFF	2004/10/29 14:54
S6	1	"6312074".pn.	USPAT	OR	OFF	2004/10/29 14:49
S7	5	("3814146" "5054318" "5079570" "5689288" "5812156").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/29 14:49
S8	6	("6312074").URPN.	USPAT	OR	OFF	2004/10/29 14:53
S9	0	S6 and S7 and S8 and (sens\$5 detect\$5 gaug\$5 condit\$6 instruc\$5 specific\$5 control\$5 receiv\$5 input\$4 output\$4 result\$4 validat\$6 verific\$6 correlat\$6 calculat\$6 compar\$6)	USPAT	OR	OFF	2004/10/29 14:55
S10	12	S6 S7 S8 and (sens\$5 detect\$5 gaug\$5 condit\$6 instruc\$5 specific\$5 control\$5 receiv\$5 input\$4 output\$4 result\$4 validat\$6 verific\$6 correlat\$6 calculat\$6 compar\$6)	USPAT	OR	OFF	2004/10/29 14:55

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	specified adj detection adj condition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:11
S2	3807	detection adj condition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:11
S3	21	specif\$4 adj detection adj condition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:18
S4	233532	((ink fluid liquid) with (level amount quantity)) same (sens\$3 measur\$4 detect\$4 determin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:16
S5	8712029	specif\$4 detect\$4 condit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:19
S6	191766	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:19
S7	43284	result with (verif\$8 valid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:20
S8	2022	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:20

S9	148686	(result output data) with (verif\$8 valid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:22
S10	223	S4 same S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:22
S11	155690	(ink bubble) adj jet inkjet bubblejet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:23
S12	33	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 07:23
S13	0	("2004/0155913").URPN.	USPAT	OR	OFF	2004/11/02 07:49
S14	1	("6672695").URPN.	USPAT	OR	OFF	2004/11/02 07:59
S15	0	("6802581").URPN.	USPAT	OR	OFF	2004/11/02 08:01
S16	6	("20020118236" "20030058297" "5583545" "6322182" "6672695" "6758541").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/02 08:01

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	256771	((ink fluid liquid (recording adj material)) with (level amount quantity presence absence)) same (sens\$3 measur\$5 detect\$4 determine\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:21
S2	7622538	compensat\$4 adjust\$4 balanc\$4 regulat\$3 adapt\$3 correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:15
S3	182508	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:16
S4	155706	(ink bubble) adj jet inkjet bubblejet ink\$2jet bubble\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:17
S5	8862	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:17
S6	2839815	cartridge chamber tank	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:23
S7	26064	S4 with S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:24
S8	3088	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:25

S9	74297	(result output) with (verif\$8 valid\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 10:04
S10	60	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 09:26
S13	1	"6676237".pn.	USPAT	OR	OFF	2004/11/02 10:03
S14	6452	S2 and S7	USPAT	OR	OFF	2004/11/02 10:03
S15	253763	(result output data) with (verif\$8 valid\$6 correlat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 10:05
S16	236	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 10:05

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	901022	(ink fluid liquid (recording adj material)) with (level amount quantity presen\$3 absen\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 12:24
S2	2578768	(sens\$3 measur\$5 detect\$4 determin\$5 gauge amount)	USPAT	OR	OFF	2004/11/02 12:27
S3	196679	temperature with (variati\$4 deviat\$\$ fluctuat\$4 differ\$4)	USPAT	OR	OFF	2004/11/02 12:34
S4	2369195	compensat\$4 adjust\$4 balanc\$4 regulat\$3 adapt\$3 correct\$3	USPAT	OR	OFF	2004/11/02 12:34
S5	1902269	S2 and S4	USPAT	OR	OFF	2004/11/02 12:36
S6	32214	(ink bubble) adj jet inkjet bubblejet ink\$2jet bubble\$2jet	USPAT	OR	OFF	2004/11/02 12:36
S7	2867	S3 and S6	USPAT	OR	OFF	2004/11/02 12:36
S8	25112	S4 and S6	USPAT	OR	OFF	2004/11/02 12:37
S9	2512	S7 and S8	USPAT	OR	OFF	2004/11/02 12:37

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1006112	(ink fluid liquid (recording adj material)) with (level amount quantity presen\$3 absen\$3 remain\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:25
S2	799923	((physical adj property) temperature) with (variat\$4 deviat\$4 fluctuat\$4 differ\$5 chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:25

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1006112	(ink fluid liquid (recording adj material)) with (level amount quantity presen\$3 absen\$3 remain\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:56
S2	1263031	(pressure temperature) with (variat\$4 deviat\$4 fluctuat\$4 differ\$5 chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:57
S3	88138	S1 same S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:57
S4	155706	(ink bubble) adj jet inkjet bubblejet ink\$2jet bubble\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 13:58
S5	813054	(sens\$3 measur\$5 detect\$4 determin\$5 gauge) same (compensat\$4 adjust\$4 balanc\$4 regulat\$3 adapt\$3 correct\$3)	USPAT	OR	OFF	2004/11/02 14:00

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1001358	(ink fluid liquid) with (level amount quantity presen\$3 absen\$3 remain\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:13
S2	155706	(ink bubble) adj jet inkjet bubblejet ink\$2jet bubble\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:14
S3	38505	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:15
S4	684048	(compensat\$4 adjust\$4 balanc\$4 regulat\$3 adapt\$3 correct\$3) with (sensor detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:16
S5	4168	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:16
S6	2030655	(property or temperature) with (variati\$4 deviat\$4 fluctuat\$4 differ\$5 chang\$3) monitor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:18
S7	2866	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:19
S8	254308	(ink fluid liquid) near (cartridge container tank reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:20

S9	1643	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:21
S10	4361239	monitor\$3 correct\$3 confirm validate compar\$3 calibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:22
S11	1579	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:23
S12	7685692	sensor condition detection output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:24
S13	1576	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:24
S14	125419	S10 near result\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:25
S15	211	S9 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:27
S16	1423	S9 and (printer (recording adj device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:28

S17	1415	S9 and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:28
S18	300	S9 and (inkjet adj (printer (recording adj device)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/02 15:29
S19	2	"5987269".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 13:24
S20	0	"63112106".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 13:24
S21	2	"6312106".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 13:25
S22	2	"6302527".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 13:26
S23	58961	"347"/\$3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 13:26
S24	48	S23 and rfid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 14:10

S25	10	"347"/\$3.ccls. and ishinaga.in. and hallacher	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 14:13
S26	2	"20020033855"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 14:13

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2399	347/7,19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 06:54
S2	7463170	sens\$3 detect\$3 gaug\$3 measur\$4 determ\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:20
S3	13230752	control\$4 specif\$4 instruct\$4 condition\$3 set mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:21
S4	4307038	S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:08
S5	1953	S1 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:10
S6	344384	S3 adj S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:14
S7	478	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:14
S8	4442391	ink fluid liquid (recording adj material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:15

S9	469	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:15
S10	8491429	level amount quantity presen\$3 absen\$3 remain\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:16
S11	457	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:17
S12	2530935	cartridge reservoir tank container	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:18
S13	395	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:20
S14	2399	S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:48
S15	4522523	sens\$3 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:20
S16	144505	(control instruct condition set mode) adj S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:45

S17	202	S14 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/03 16:22
S18	2404	347/7,19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:14
S19	2404	S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:14
S20	4525078	sens\$3 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:14
S21	144624	(control instruct condition set mode) adj S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:14
S22	202	S19 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:14
S23	157357	(control instruct condition set mode specif\$4) adj S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 09:45
S24	226	S19 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 07:48

S25	57	(US-20040183848-\$ or US-20040070639-\$ or US-20040051752-\$ or US-20040036733-\$ or US-20040021712-\$ or US-20040017445-\$ or US-20040036734-\$ or US-20030193539-\$ or US-20030025743-\$ or US-20030020773-\$ or US-20020154181-\$ or US-20020140758-\$ or US-20020140748-\$ or US-20030117451-\$ or US-20020135623-\$ or US-20020024543-\$ or US-20020015068-\$ or US-20020012018-\$ or US-20020005869-\$).did. or (US-6799820-\$ or US-6793305-\$ or US-6685296-\$ or US-6665089-\$ or US-6648436-\$ or US-6644771-\$ or US-6641244-\$ or US-6626510-\$ or US-6609461-\$ or US-6568780-\$ or US-6536861-\$ or US-6517175-\$ or US-6505910-\$ or US-6497469-\$ or US-6454375-\$ or US-6447084-\$ or US-6438500-\$ or US-6431670-\$ or US-6347853-\$ or US-6123406-\$ or US-6106087-\$ or US-6089688-\$ or US-6086178-\$ or US-6012794-\$ or US-6007173-\$ or US-5992961-\$). did. or (US-5988783-\$ or US-5966144-\$ or US-5963225-\$ or US-5900888-\$ or US-5894313-\$ or US-5861898-\$ or US-5798771-\$ or US-5691750-\$ or US-5689288-\$ or US-5655174-\$ or US-5623290-\$ or US-5508722-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/11/04 09:34
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S26	37	(US-20040051752-\$ or US-20040021712-\$ or US-20040017445-\$ or US-20040036734-\$ or US-20020154181-\$ or US-20020140758-\$ or US-20030117451-\$ or US-20020135623-\$ or US-20020024543-\$ or US-20020015068-\$ or US-20020012018-\$).did. or (US-6799820-\$ or US-6793305-\$ or US-6685296-\$ or US-6665089-\$ or US-6648436-\$ or US-6644771-\$ or US-6641244-\$ or US-6626510-\$ or US-6609461-\$ or US-6568780-\$ or US-6536861-\$ or US-6517175-\$ or US-6497469-\$ or US-6447084-\$ or US-6438500-\$ or US-6347853-\$ or US-6123406-\$ or US-6106087-\$ or US-6089688-\$ or US-5988783-\$ or US-5963225-\$ or US-5861898-\$ or US-5798771-\$ or US-5689288-\$ or US-5655174-\$ or US-5508722-\$). did.	US-PGPUB; USPAT	OR	OFF	2004/11/04 09:43
S27	26	S23 and S26	USPAT	OR	OFF	2004/11/04 09:44
S28	37	(control instruct condition set mode specif\$4) and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 09:46
S29	1269	358/115;399/27-30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 13:15
S30	4525078	sens\$3 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 13:13
S31	157357	(control instruct condition set mode specif\$4) adj S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 13:13

S32	119	S29 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/04 13:16
S33	10	347/50.ccls. and (347/7 or 347/85). ccls.	USPAT	OR	OFF	2004/11/05 10:05
S34	37	(US-20040051752-\$ or US-20040021712-\$ or US-20040017445-\$ or US-20040036734-\$ or US-20020154181-\$ or US-20020140758-\$ or US-20030117451-\$ or US-20020135623-\$ or US-20020024543-\$ or US-20020015068-\$ or US-20020012018-\$).did. or (US-6799820-\$ or US-6793305-\$ or US-6685296-\$ or US-6665089-\$ or US-6648436-\$ or US-6644771-\$ or US-6641244-\$ or US-6626510-\$ or US-6609461-\$ or US-6568780-\$ or US-6536861-\$ or US-6517175-\$ or US-6497469-\$ or US-6447084-\$ or US-6438500-\$ or US-6347853-\$ or US-6123406-\$ or US-6106087-\$ or US-6089688-\$ or US-5988783-\$ or US-5963225-\$ or US-5861898-\$ or US-5798771-\$ or US-5689288-\$ or US-5655174-\$ or US-5508722-\$). did.	US-PGPUB; USPAT	OR	OFF	2004/11/06 09:21
S35	2404	347/7,19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:21
S36	2404	S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:21
S37	4525078	sens\$3 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:21

S38	157357	(control instruct condition set mode specif\$4) adj S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:21
S39	226	S36 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:24
S40	29	S39 and toner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:32
S41	222	S39 and (toner near\$3 ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:32
S42	26	S39 and (toner same ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 09:38
S43	17	S39 and (toner same ink same cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:30
S45	2	ep-683052-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 10:21
S46	2	ep-1177904-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 10:21

S47	2	ep-749840-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 10:22
S48	2	ep-1164024-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/06 10:22
S50	1	"6467888".pn.	USPAT	OR	OFF	2004/11/08 08:34
S51	1	"5987269".pn.	USPAT	OR	OFF	2004/11/08 09:26
S52	4	"820705".ap.	USPAT	OR	OFF	2004/11/08 09:32
S53	2404	347/7,19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:41
S54	2404	S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:36
S55	4532871	sens\$3 detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:36
S56	157482	(control instruct condition set mode specif\$4) adj S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:36
S57	227	S54 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:36
S58	1269	358/115;399/27-30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:45

S59	16	S53 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:44
S60	0	S53 with S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:44
S61	2404	S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:45
S62	1269	S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:45
S63	3657	347/7,19;358/115;399/27-30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:46
S64	3231	S55 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:47
S65	207145	piezo piezoelectric\$6 (piezo adj effect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:48
S66	648	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:48

S67	89	S56 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:49
S68	1	"6312074".pn.	USPAT	OR	OFF	2004/11/08 10:30
S69	1	"6044694".pn.	USPAT	OR	OFF	2004/11/08 12:25
S70	79	antenna with gate with type	USPAT	OR	OFF	2004/11/15 08:50
S71	22	antenna with (gate adj type)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:53
S72	2	"6467888".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:53
S73	1	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:54
S74	15525	antenna with loop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 08:54
S75	0	S74 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:00
S76	0	(ink with toner) with (sens\$3 OR DETECT\$3 or measur\$3) with "any type"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:11
S77	23	(ink with toner) with (sens\$3 OR DETECT\$3 or measur\$3) with type	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:05

S78	14	(ink with toner) with (sens\$3 OR DETECT\$3 or measur\$3) with any	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:07
S79	9	(ink or liquid or fluid) with (powder\$3 or toner) with (sens\$3 OR DETECT\$3 or measur\$3) with (any adj (type or kind))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:12
S80	35541	ink with (sens\$3 OR DETECT\$3 or measur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:11
S81	27917	toner with (sens\$3 OR DETECT\$3 or measur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:12
S82	530	S80 same S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:12
S83	421870	(any adj (type or kind))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:13
S84	1	S82 same S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/15 09:13
S85	1	"6016519".pn.	USPAT	OR	OFF	2004/11/15 09:51

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	149	("5391189" "5461658" "4467831" "5282839" "5339782" "5743085" "5921078" "6089016" "6150639" "4359677" "4415945" "4497375" "4578632" "4622059" "4886123" "4975678" "5422829" "5494263" "5528268" "5608300" "5634700" "5663631" "5814962" "5816122" "5843134" "5887858" "5899443" "6126177" "6135577" "4271896" "4296413" "4322031" "4334541" "4357524" "4363448" "4390321" "4396353" "4427620" "4461253" "4481404" "4509802" "4512010" "4514656" "4527525" "4544241" "4553605" "4560925" "4564757" "4589810" "4594558" "4777769" "4791904" "4798527" "4820319" "4848632" "4864777" "4878417" "4886590" "4888988" "4913121" "4917477" "5005445" "5175997" "5179850" "5197788" "5244179" "5277529" "5291607" "5315989" "5321846" "5330513" "5440939" "5456692" "5463292" "5463432" "5482019" "5482314" "5513092" "5527233" "5532476" "5534845" "5550677" "5569304" "5599301" "5611606" "5636907" "5638340" "5644487" "5673039" "5712467" "5730139" "5739663" "5748075" "5752208" "5760962" "5783989" "5791598" "5796386" "5796002" "5794604" "5797369" "5802412" "5799614" "5821978" "5824014" "5839415" "5877897" "5894273" "5894341" "5900806" "5944661" "5984262" "5994867" "6002467" "6003170" "6003478" "6021888" "6126244" "6132012" "6137416" "6167547" "6178947" "6182902" "6208271" "6216056" "6216056" "6234189" "6240253" "4244340" "4245780" "4251758" "4251990" "4254998" "4262366" "4264161" "4263886" "4266274" "4272466" "4276600" "4277693" "4278061" "4280462" "4281666" "4284050" "4284943" "4291653" "4299089" "4304204" "4305302" "4305657"). pn.	USPAT	OR	OFF	2004/11/04 10:55
S2	0	S1 and ((ink bubble) adj jet inkjet bubblejet ink\$2jet bubble\$2jet)	USPAT	OR	OFF	2004/11/04 10:49

S3	20	S1 and print\$3	USPAT	OR	OFF	2004/11/04 10:51
S4	20	S3 and (control\$4 specif\$4 instruct\$4 condition\$3 set mode spec\$4)	USPAT	OR	OFF	2004/11/04 10:52

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2404	347/7,19;358/115;399/2730.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:56
S2	213407	piezo piezoelectric\$6 (piezo adj effect) pzt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:02
S3	655	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:58
S4	287412	(ink fluid liquid toner) with (level amount quantity)	USPAT	OR	OFF	2004/11/08 10:00
S5	349	S3 and S4	USPAT	OR	OFF	2004/11/08 10:01
S6	983189	cartridge tank container chamber reservoir	USPAT	OR	OFF	2004/11/08 10:01
S7	326	S5 and S6	USPAT	OR	OFF	2004/11/08 10:01
S8	5531	(piezo piezoelectric\$6 (piezo adj effect) pzt) adj (sensor detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:02
S9	7	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:03

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	89	ink with toner with (level amount) with (detect\$3 sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:26
S2	59045	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:23
S3	12	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:23
S4	0	(ink with toner with (level amount)) same ((detect\$3 sens\$3 or measur\$4) with piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:28
S5	0	(ink with toner with (level or quantity or amount)) same ((detect\$3 sens\$3 or measur\$4) with piezoelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:29
S6	136	(ink with toner with (level or quantity or amount)) with (detect\$3 sens\$3 or measur\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:39
S7	173088	piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:30
S8	6	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:39
S9	1	"5708912".PN.	USPAT; USOCR	OR	OFF	2004/11/09 07:32

S10	2546	((ink with toner with (level or quantity or amount)) with detect\$3 sens\$3 or measur\$4)and (PIEZOELECTRIC WITH IMPEDANCE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:41
S11	123	((fluid or liquid) with (level or quantity or amount)) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC WITH IMPEDANCE)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 09:40
S12	16	S11 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 07:52
S13	2947	((fluid or liquid) with (level or quantity or amount))) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC (semiconduct\$4 adj element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 08:30
S14	64	((fluid or liquid) with (level or quantity or amount))) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC with (semiconduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 09:53
S15	80	((fluid or liquid or ink or toner) with (level or quantity or amount)) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC WITH (semiconduct\$3 or semi adj conduct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 09:41
S16	0	((fluid or liquid) with (level or quantity or amount))) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC same (inductance with semiconduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 09:55
S17	14	((fluid or liquid) with (level or quantity or amount)) with (detect\$3 or sens\$3 or measur\$4))and (PIEZOELECTRIC with inductance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/09 09:57